IN THE CLAIMS:

Please **REWRITE** claim 24 as follows:

24. (Once Amended) A method for allocating resource to one or more data streams within a network having a plurality of ingress routers, a plurality of core routers, and a plurality of egress routers, the method comprising:

receiving one or more tickets into a selected core router, the tickets indicating a total load for each one of a plurality of service classes; and

dynamically allocating resources to a plurality of streams within each service class based on the one or more received tickets, wherein the resources are allocated by:

calculating a total controlled resource allocation per class;

calculating a resource remainder; and

allocating the resource remainder to the streams of each class based on the calculated total controlled resource allocation for the each class.